

Case 3096

***Dichrorampha* Guenée, 1845 (Insecta; Lepidoptera): proposed precedence over *Amaurosetia* Stephens, 1835**

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Abstract. The purpose of this application is to conserve the generic name *Dichrorampha* Guenée, 1845 for a widespread and well-known Holarctic genus of Microlepidoptera (family TORTRICIDAE), by giving it precedence over the name *Amaurosetia* Stephens, 1835. The type species of *Amaurosetia* is *Phalaena albinella* Linnaeus, 1758, now known to be a synonym of *Dichrorampha petiverella* (Linnaeus, 1758), but this was probably based on a misidentification. The name *Amaurosetia* had never been associated with the TORTRICIDAE until 1997, and before that had not been applied to any taxon in the 20th-century. *Dichrorampha* currently includes about 80 species in the Palaearctic region and 11 species in the Nearctic.

Keywords. Nomenclature; taxonomy; Lepidoptera; Microlepidoptera; TORTRICIDAE; moths; *Dichrorampha*; *Amaurosetia*.

1. *Amaurosetia* Stephens, 1835 (p. 353) has as its type species (by the designation of Westwood, 1840, p. 114) *Phalaena albinella* Linnaeus, 1758 (p. 541). Robinson & Nielsen (1983, p. 201) showed that *P. albinella* is a synonym of *P. petiverella* Linnaeus, 1758 (p. 540), currently known as *Dichrorampha petiverella* (Linnaeus, 1758). Werneburg (1864, pp. 234, 276) had suggested that it could be conspecific with *Micropterix mansuetella* Zeller, 1844, but according to Bradley (1963, p. 154) an early reference to *Phalaena albinella* by Haworth (1828, p. 581) represents *Elachista megerella* (Hübner, 1810) (family ELACHISTIDAE). *Amaurosetia* was listed as a synonym of *Borkhausenia* Hübner, 1825 (family OECOPHORIDAE) by Bradley (1972, p. 18) and this was followed by Vives Moreno (1994, p. 68).

2. Following the identification of *P. albinella* as *Dichrorampha petiverella* by Robinson & Nielsen (1983), *Amaurosetia* was introduced as the valid generic name for species hitherto placed in *Dichrorampha* Guenée, 1845 by Leraut (1997, p. 148) in a checklist of the Lepidoptera of France, Belgium and Corsica. However, the fact (see above) that Haworth (1828) held *Phalaena albinella* to be an elachistid suggests that Stephens (1835) also did not have the true *P. albinella* before him when he described *Amaurosetia*, and that this probably represents a case of a misidentified type species. According to Stephens, his generic name *Amaurosetia* is taken from two Greek words which he translates as "obscurus" and "tinea". As it is somewhat unlikely that he would mistake his concept of a "tinea" for his concept of a tortricid species, it is probable that his specimens of *albinella* were misidentified. In any event, the name *Amaurosetia* had never been associated with the family TORTRICIDAE until Leraut's 1997 checklist, and indeed it had not been used for any taxon in the 20th-century. If it were not for Leraut's action it would be possible to reject *Amaurosetia* as a nomen oblitum under Article 23.9.2 of the Code.

3. *Dichrorampha* Guenée, 1845 (p. 185) is usually assumed (see Nye & Fletcher, 1991, p. 94) to have *Grapholitha plumbagana* Treitschke, 1830 (p. 218) as its type species, as designated by Fernald (1908, p. 56). However, there is an earlier available designation of type species for "*Dichrorampha*" (an incorrect subsequent spelling) made by Desmarest (1857, p. 224) who cited "*politana*, W.V.", i.e. *Tortrix politana* [Denis & Schiffmüller], 1775. *Tortrix politana* was an originally included nominal species in *Dichrorampha*, but Obraztsov (1953, p. 78 and fig. 35) established *Dichrorampha gueneana* Obraztsov, 1953 to denote the taxonomic species that Guenée, Desmarest and other authors had misidentified as *Tortrix politana*. The latter is a junior synonym of *Pyalis strigana* Fabricius, 1775, currently known as *Lathronympha strigana* (Fabricius, 1775), and if Desmarest's designation were to be followed *Lathronympha* Meyrick, 1926 (p. 27) would become a junior subjective synonym of *Dichrorampha*. Acceptance of Fernald's designation of *G. plumbagana* would maintain usage of both *Dichrorampha* and *Lathronympha*, and this is proposed below.

4. Prior to 1953, when Obraztsov published a revision of the Palearctic species of *Dichrorampha*, European workers had mainly used the name *Hemimene* Hübner, [1825] for the genus. However, Heinrich (1926, p. 9) had already used the name *Dichrorampha* in his revision of the North American TORTRICIDAE. *Hemimene* is a synonym of *Pammene* Hübner, [1825] and is not applicable to the group under consideration.

5. The name *Dichrorampha* has been used in the following monographs on Palearctic TORTRICIDAE: Hannemann (1961), Danilevsky & Kuznetsov (1968), Bentinck & Diakonoff (1968), Kuznetsov (1978), Bradley et al. (1979) and Razowski (1991). It has also been used in numerous taxonomic papers: Sauter (1966), Opheim (1968), Bradley & Tremewan (1970), Passerin d'Entreves (1972), Komai (1979), Heppner (1981), Gibeaux (1983), Miller (1983), Razowski (1989, 1991), Huemer (1991, 1996) and Trematerra (1991). The name has been used in numerous regional and national checklists, of which the two most important ones are the North American list by Hodges et al. (1983) and the European list by Karsholt & Razowski (1996). *Dichrorampha* is also used in the important global works by van der Geest & Evenhuis (1991) and Nye & Fletcher (1991). Apart from Leraut (1997) *Amaurosetia* was not used for any taxon during the 20th-century.

6. The International Commission on Zoological Nomenclature is accordingly asked:

(1) to use its plenary power:

- (a) to set aside all fixations of type species for the nominal genus *Dichrorampha* Guenée, 1845 before the designation by Fernald (1908) of *Grapholitha plumbagana* Treitschke, 1830;
- (b) to give the name *Dichrorampha* Guenée, 1845 precedence over the name *Amaurosetia* Stephens, 1835 whenever the two are considered to be synonyms;

(2) to place on the Official List of Generic Names in Zoology the following names:

- (a) *Dichrorampha* Guenée, 1845 (gender: feminine), type species by designation by Fernald (1908), as ruled in (1)(a) above, *Grapholitha plumbagana* Treitschke, 1830, with the endorsement that it is to be given precedence over the name *Amaurosetia* Stephens, 1835 whenever the two are considered to be synonyms;

- (b) *Amaurosetia* Stephens, 1835 (gender: feminine), type species by designation by Westwood (1840) *Phalaena albinella* Linnaeus, 1758, with the endorsement that it is not to be given priority over the name *Dichrorampha* Guenée, 1845 whenever the two are considered to be synonyms;
- (3) to place on the Official List of Specific Names in Zoology the following names:
 - (a) *plumbagana* Treitschke, 1830, as published in the binomen *Grapholitha plumbagana* (specific name of the type species of *Dichrorampha* Guenée, 1845);
 - (b) *albinella* Linnaeus, 1758, as published in the binomen *Phalaena albinella* (specific name of the type species of *Amaurosetia* Stephens, 1845).

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